

Commonwealth of Kentucky
Division for Air Quality

PERMIT APPLICATION SUMMARY FORM

Completed by: April J. Webb

General Information

Name:	Southwire Company
Address:	P.O. Box 336, State Route 271 North, Hawesville, KY 42348
Date application received:	December 16, 1996
SIC/Source description:	3355
AFS(10-digit) Plant ID:	21-091-00009
EIS #:	077-1580-0009
Application log number:	F064
Permit number:	V-98-008

Application Type/Permit Activity

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
__Administrative	<input checked="" type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

Compliance Summary

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input type="checkbox"/> Compliance certification signed	

Applicable Requirements list

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input checked="" type="checkbox"/> Other Self imposed

Miscellaneous

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☐ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

Emissions Summary

Pollutant	Actual (tpy)	Potential (tpy)
PM	40.085	40.085
SO ₂	0.360	0.360
NOx	82.782	82.782
CO	20.573	20.573
VOC	26.747	26.747
LEAD		
HAP \geq 10 tpy (by CAS)		
Cl	29	29
HCl	0.5	0.5
HF	35.175	35.175

SOURCE PROCESS DESCRIPTION:

Southwire company is a secondary aluminum production plant. The primary activity at the plant is to process aluminum billets, sows, and ingots into finished specialty rod and cable. It consists of two aluminum rod mills and one aluminum cable mill. Three aluminum melting furnaces and four holding furnaces serve to melt and purify (through flux addition) the ingots or sows for further processing into rod or cable. Three annealing ovens alter the products to desired consumer specifications.